

title information, program category, broadcasting network, date of broadcast, time of broadcast, actors and director;

a file write mechanism that automatically accesses the electronic program guide attribute information about the recorded item of program content to be stored in said data structure;

*E-1 Cont.*  
a speech recognizer that receives a spoken request for the recorded item of program content and generates an input sentence corresponding to the spoken request, where the spoken request includes at least one electronic program guide attribute associated with the recorded item of program content;

a natural language parser that receives the input sentence from the speech recognizer and identifies the at least one electronic program guide attribute from the input sentence, wherein said natural language parser includes a set of stored grammars that extracts meaning from said spoken request;

a dialog history data file in said memory for storing a log of conversational data derived from previous spoken requests; and

a dialog system that interacts with a user and with said dialog history data file to ascertain additional electronic program guide attributes for the recorded item of program content,

the ascertaining being based upon one or more assumptions regarding the spoken request for the recorded item of program content,

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the assumptions being made according to a set of suitable factors filtered to remove one or more otherwise-suitable factors due to a context of at least one dialog exchange in the dialog history data file related to the otherwise-suitable factors, respectively.

13. (Five Times Amended) An interactive replay system for accessing recorded items of program content, comprising:

an electronic program guide for storing electronic program guide information for items of program content;

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a memory having a data structure for storing at least one recorded item of program content in association with corresponding electronic program guide information;

a file write mechanism that accesses the electronic program guide and stores electronic program guide information for the at least one recorded item of program content in the data structure of the memory;

a speech recognizer that receives a spoken request for a specific recorded item of program content and generates an input sentence corresponding to the spoken request, where the spoken request includes electronic program guide information associated with the specific recorded item of program content;

a natural language parser that receives the input sentence from the speech recognizer and identifies the electronic program guide information embodied in the input sentence, wherein said natural

language parser includes a set of stored grammars that extracts meaning from said spoken request;

a dialog history data file in said memory for storing a log of conversational data derived from previous spoken requests; and

a dialog system that interacts with a user and with said dialog history data file to ascertain additional electronic program guide attributes for the recorded item of program content,

the ascertaining being based upon one or more assumptions regarding the spoken request for the recorded item of program content,

the assumptions being made according to a set of suitable factors filtered to remove one or more otherwise-suitable factors due to a context of at least one dialog exchange in the dialog history data file related to the otherwise-suitable factors, respectively.

Please add the following new claims.

21. The interactive replay system of claim 1, wherein an otherwise-suitable factor is otherwise-suitable content for a slot in a frame of a frame data structure.

22. The interactive replay system of claim 1, wherein an exchange in the dialog history having context related to an otherwise-suitable factor would include at least one of: a first dialogue exchange concerning the user having previously viewed a particular recorded item of program

content; and a second dialogue exchange concerning the user having previously rejected a particular recorded item of program content.

23. The interactive replay system of claim 13, wherein an otherwise-suitable factor is otherwise-suitable content for a slot in a frame of a frame data structure.

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24. The interactive replay system of claim 13, wherein an exchange in the dialog history having context related to an otherwise-suitable factor would include at least one of: a first dialogue exchange concerning the user having previously viewed a particular recorded item of program content; and a second dialogue exchange concerning the user having previously rejected a particular recorded item of program content.

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